BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of the work: **Estimate for Construction of Cement Concrete Roads at Thindlu Village Limits in Ward No. 09, Vidyaranyapura Sub Division.**

Estimate Cost: 1500000.00

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
1	KSRRB 300-2 : Earth work excavation by manual means in Hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications MORTH chapter 3 **Page No. 152 / Item No. 19.2/ PWD SR 2013-14**	Cum							
	For CC Road								
			1	90.00	4.50	0.15	60.75		
			1	95.00	4.00	0.15	57.00		
			1	~~90.00~~ 87.0	4.00	0.15	54.00		15418
							171.75	90.72	15581.00
	Basic Rate	84.00							
	Area Weightage @8%	6.72					169.95		
	Total	**90.72**							
2	KSRB 4-1.3 : Providing and laying in position **plain cement concrete of mix M7.5 with OPC cement @ 180 Kgs** using **40mm** and down size graded granite metal, corse aggregates @ 0.85 cum and fine aggregtes @ 0.58cum machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, **in foundation and plinth**, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 **Page No. 12 / Item No. 4.3 PWD SR - 2013-14**	Cum							
	For CC Road								
			1	90.00	4.50	0.15	60.75		
			1	95.00	4.00	0.15	57.00		
			1	~~90.00~~ 87.0	4.00	0.15	54.00		729228
							171.75	4290.84	736952.00
	Basic Rate	3973.00							
	Area Weightage @ 8%	317.84					169.95		
	Total	**4290.84**							
3	KSRRB M2600-3: Providing & fixing 20 mm thick compressible fibre board in expansion joint complete as per drawing & technical specification complete as per specifications, MORTH specification No. 2605, **No. 251 / Item No. 31.3 PWD SR 2013-14**	M							
			12	4.50			54.00		

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
			12	4.00			48.00		
			9	4.00			36.00		
							138.00	137.16	**18928.00**
	Basic Rate	127.00							
	Area Weightage @ 8%	10.16							
	Total	**137.16**							
4	KSRB- 4-1.5 : Providing and laying in position plain cement concrete of **mix M20 with OPC cement @ 300 kgs, with 20mm** and down size graded granite metal coarse aggregates @ 0.64 cum and fine aggregares @ 0.43 cum with superplastisiser @ 3lts confirming to IS9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications, specification. No. KBS 4.1,4.2, **No. 12 / Item No. 4.5/ PWD SR 2013-14**	Cum							
			1	90.00	4.50	0.10	40.50		
			1	95.00	4.00	0.10	38.00		
			1	~~90.00~~ 87.0	4.00	0.10	36.00		
							114.50	5323.32	**609520.00**
	Basic Rate	4929.00					113.30		603132
	Area Weightage @ 8%	394.32							
	Total	**5323.32**							
5	**Vaccum De-watering** with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator HOM of machinery Screed Vibratiry, Power Floater, blade and disc etc., with all lead and lift No. **190 / Item No. 22.7/ PWD SR 2013-14**	Sqm							
			1	90.00	4.50		405.00		
			1	95.00	4.00		380.00		104009.0
			1	~~90.00~~ 87.0	4.00		360.00		
							1145.00	91.80	**105111.00**
	Basic Rate	85.00					1133.0		
	Area Weightage @ 8%	6.80							
	Total	**91.80**							
6	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (Page No.123)	Cum							12356.0
				Vide Item No. 1			**171.75**	72.71	**12487.00**
	Basic rate for haulage of materials as per item no.17.4 page 141) Rs. 2.00						169.95		
	Average weight of earth 1.28 tonne / kg for 2X1.28X2.00=5.12	5.12							

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
	Add loading and unloading Vide item no.17.1 P.no.141	62.20							
		67.32							
	Area Weightage @ 8%	5.39							
	Total	72.71							
	1.1. TPI Charges								15000
7	Miscellaneous and other Charges	L/S							1421.00
									1929
								Total	1500000.00
	(Rs. Fifteen Lakhs Only)								

CERTIFICATE:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per P.W.D S.R of 2013-14.
3 This work included under 2013-14 POW Grant.
4 The provisions were made in this estimate are necessary and adequate.
5 This works come under B.B.M.P. limits.

Assistant Engineer
W-09

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

Technical Sanction for Rs. Rs: 15.00 Lakhs
Rs. fifteen lakhs only
P-1771
Registered as EE ..... Subject to conditions contained in No: EE No: 146/13-14 Dt: 30-10-13
AE/JE
EE (BTP.Div.)
30/10/2013

ADMINISTRATIVELY SANCTIONED FOR Rs 15.00
Rupees Fifteen lakhs only
Under P1771.
Registered as EE ( ) No. 9...9...
Subject to conditions contained in
memo JC(Yel) 360/13-14
30.10.13
Rs. 15.00 Lakhs

Joint Commissioner
(Yelahanka Zone)
BBMP. Bengaluru-92